

Title (en)
Well completion apparatus.

Title (de)
Vorrichtung zur Komplettierung einer Bohrung.

Title (fr)
Dispositif de complétion de puits.

Publication
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Application
EP 94301975 A 19940318

Priority
US 3401093 A 19930322

Abstract (en)
A well completion apparatus comprises a sand screen (86) having a plurality of sintered, substantially spherical plastic members (60) covering a perforated mandrel (46); a packer (28) having a packer mandrel (26) from which the screen (86) is suspended by a locking mandrel (76) and a landing nipple (24). The sand screen (86) and locking mandrel (76) are retrievable with the assistance of a running tool which is insertable into the bore of the locking mandrel (76). According to this arrangement, the sand screen (86) can be removed and replaced without retrieving the packer (28) or the production tubing. In one arrangement, the sand screen (86) is mounted on a circulation sub. In another arrangement, an auxiliary sand screen having a plurality of sintered, substantially spherical plastic members covering a perforated mandrel is inserted into the bore of a primary screen, for example, a conventional wire-wrap sand screen. The auxiliary sand screen is thus interposed in the flow path for screening out sand fines which may be conducted through the wire-wrap screen because of screen damage caused by corrosion or sand erosion. <IMAGE> <IMAGE>

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